LAND APPLICATION SITE W C ALLEN SITE LUWCA 1-9

LUNENBURG COUNTY

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

			0 A TION	AGREEMENT	BIOCOL IDC	AND	MINIETPIAL	DECIDITAL S
PART D-VI:	LAND	APPLI	CATION	AGREEMENT	- BIOSOLIDS	AND I	NDUS I KIAL	KESIDUALS

PART D-VI: LAND APP	LICATION AGREEMEN	IT - BIOSOLIDS AND IN	DUSTRIAL RESIDUALS		
the Landowner in the event	erminated in writing by eith tof a sale of one or more p in this agreement changes	er party or, with respect to the received as the received to the respect to the received and the received to the received as t	ermittee". This agreement hose parcels that are retained by I parcels changes. If ownership of wnership has changed will no		
Landowner: The Landowner is the owner the agricultural, silvicultural attached as Exhibit A.	er of record of the real prop or reclamation sites identi	perty located in fied below in Table 1 and id	O, Virginia, which includes entified on the tax map(s)		
Table 1.: Parcels aut	horized to receive biosolid	s, water treatment residuals			
Tax Parcel ID	Tax Parcel ID	<u>Tax Parcel ID</u>	<u>Tax Parcel ID</u>		
	20-A-25	20- A - 20 20- A - 19	20-20-1A		
☐ Additional parcels containing Lar	nd Application Sites are identified	on Supplement A (check if applica	ble)		
Check one: The Landowner is the sole owner of the properties identified herein. The Landowner is one of multiple owners of the properties identified herein. In the event that the Landowner sells or transfers all or part of the property to which biosolids have been applied within 38 months of the latest date of biosolids application, the Landowner shall: 1. Notify the purchaser or transferee of the applicable public access and crop management restrictions no later than the date of the property transfer; and					
The Landowner has no other notify the Permittee immed for application or any part incorrect.	ner agreements for land ap diately if conditions change of this agreement becomes	such that the fields are no last invalid or the information b	fied herein. The Landowner will longer available to the Permittee nerein contained becomes		
agricultural sites identified inspections on the land ide	above and in Exhibit A. Tlentified above, before, during	he Landowner also grants p	s as specified below, on the sermission for DEQ staff to conduct of permitted residuals for the uch application.		
Class B biosolids Wat ☑ Yes ☐ No ☑ Y	ter treatment residuals	Food processing waste ☑ Yes ☐ No	Other industrial sludges ☑ Yes ☐ No		
X Willed	t & fly		11-74		
Permittee: Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with \$10.1-104.2 of the Code of Virginia.					
specifically prior to any partic	ular application to the Landov	wners land. Notice shall includ	sed schedule for land application and le the source of residuals to be applied.		
☐ I reviewed the document(s document(s) available to DEc	i) assigning signatory authorit Q for review upon request. (D	y to the person signing for land o not check this box if the landowr	downer above. I will make a copy of this ner signs this agreement)		
Permittee – Authorized Repres		PO Box 562	Remington, Virginia 22734 Mailing Address		
Printed Nan	ne				

Page 1 of 2

Pern	nittee: _	Recyc Systems, Inc	_ County or City:	hentous
Land	downer:	1DC Allen	•	
Lan	downe	r Site Management Requirements	:	
l, the applic	Landowr	ner, I have received a DEQ Biosolids Fact S biosolids, the components of biosolids and	Sheet that includes informa proper handling and land a	ntion regarding regulations governing the lan application of biosolids.
iaenti	itied belov	en expressly advised by the Permittee that w must be complied with after biosolids hav onsible for the implementation of these prac	e been applied on my pro	irements and site access restrictions perty in order to protect public health, and
l agre bioso	ee to impl lids at the	ement the following site management pract e site:	ices at each site under my	ownership following the land application of
1.	Notifica biosolid complet	tion Signs: I will not remove any signs post s land application site, unless requested by led.	ted by the Permittee for the the Permittee, until at lea	e purpose of identifying my field as a st 30 days after land application at that site i
2.	b.	Public access to land with a high potential any application of biosolids. Public access to land with a low potential application of biosolids. No biosolids ame same period of time unless adequate proving the province of the control of the control of time unless adequate province of the control of time unless adequate province of time unless adequate of time unless adequat	for public exposure shall be ended soil shall be excaval risions are made to prever polied shall not be barveste	It public exposure to soil, dusts or aerosols;
3.	a. b. c. d.	Food crops with harvested parts below the application of biosolids when the biosolids months prior to incorporation into the soil, Food crops with harvested parts below the biosolids remain on the land surface for a Other food crops and fiber crops shall not	pplication of biosolids, as surface of the land shall a remain on the land surface of the land shall a time period of less than to be harvested for 30 days.	e for a time period of four (4) or more not be harvested for 38 months when the
4.	Foll a.	k Access Restrictions: owing biosolids application to pasture or ha Meat producing livestock shall not be graz Lactating dairy animals shall not be grazed Other animals shall be restricted from graze	ed for 30 days, d for a minimum of 60 days	S.
5.	applicati	nental commercial fertilizer or manure applk ons such that the total crop needs for nutrie ed by a person certifled in accordance with	ents are not exceeded as i	dentified in the nutrient management alon
6.	Tobacco years fol	b, because it has been shown to accumulate llowing the application of biosolids or industracre (0.5 kilograms/hectare).	e cadmium, should not be	Grown on the Landowner's land for three
X		Withint of Men		11/24/
	Landowr	ner's Signature		Date

Farm Operator Signature

Mailing Address & Phone Number

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS					
A. This land application agreement is made on the party of the between to be the "Permittee". This agreement to here as "Landowner", and Recyc Stystems, Inc. referred to here as the "Permittee". This agreement remains in effect until it is terminated in writing by either party or, with respect to those parcels that are retained by the Landowner in the event of a sale of one or more parcels, until ownership of all parcels changes. If ownership of individual parcels identified in this agreement changes, those parcels for which ownership has changed will no longer be authorized to receive biosolids or industrial residuals under this agreement.					
the agricultural, silvicultural attached as Exhibit A.	or of record of the real property or reclamation sites identified	below in Table 1 and identif			
Table 1.: Parcels aut	hortzed to receive biceolids, w				
Tax Parcel ID	Tex Parcel ID	Tax Parcel ID	Tax Parcel ID		
	An 0.24	30·1·30			
	20-A-24	20-A-19			
	AV-15				
	d Application Siles are Identified on S				
Check one: Th	e Landowner is the sole owns e Landowner is one of multiple	r of the properties identified a owners of the properties id	herein. fentified herein.		
within 38 months of the late 1. Notify the purchase later than the date.	wher sells or transfers all or p est date of biosolide application or or transferse of the application of the property transfer; and e of the sale within two weeks	n, the Landowner shall: de public access and crop m			
notify the Dermittee immed	er agreements for land applicately if conditions change suc	h that the fields are no long	er available to the Permittee		
for application or any part of incorrect.	of this agreement becomes inv	ald or the information herei	n contained decomes		
agricultural sites identified a	ints permission to the Permitte above and in Exhibit A. The L ntifled above, before, during o npliance with regulatory requi	andowner also grants perm r after land application of per rements applicable to such a	ission for DEQ staff to conduct imitted residuals for the application.		
Class B biosolids Wate	er treatment residuals Fo		ther industrial sludges		
Brolon.	Allen	11-24	Detrois VA 19924		
Landowner - Printed Name, Tit	la Signature	Ms	Eng Address & Phone Humber 4-94-696-2479		
Permittee: Recyc Systems, Inc., the Permittee, agrees to apply biosolids and/or industrial residuals on the Landowner's land in the manner authorized by the VPA Permit Regulation and in amounts not to exceed the rates identified in the nutrient management plan prepared for each land application field by a person certified in accordance with \$10.1-104.2 of the Code of Virginia.					
The Remittee senses in notify	the Landowner or the Landown	er's deciance of the proposed p			
I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)					
ATTURN PO Box 562 Remington, Virginia 22734					
Permittee - Authorized Representative Signature PO Box 582 Remington, Virginia 22734					

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VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Perm	nittee: Re	ecyc Systems, Inc	_ County or City:	in here
_	downer:	Barbara Alla		3
		Management Requirement	·	
applic	cation of biosolic	ave received a DEQ Biosolids Fact ds, the components of biosolids and	Sneet that includes information regal proper handling and land application	ording regulations governing the land on of biosolids.
Identi	itted below musi	ressly advised by the Permittee that the complied with after biosolids hat for the implementation of these pra	the site management requirements we been applied on my property in o ctices.	and site access restrictions refer to protect public health, and
l agre bioso	ee to implement lids at the site:	the following site management prac	tices at each site under my owners!	nip following the land application of
1.	Notification Signification Sig	gns: I will not remove any signs pos application site, unless requested b	ited by the Permittee for the purpose y the Permittee, until at least 30 day	e of identifying my field as a se sa sa sa safter land application at that site is
2.	any a b. Publi applic same c. Turf g when	c access to land with a high potential polication of biosolids. c access to land with a low potential cation of biosolids. No biosolids ame period of time unless adequate progrown on land where biosolids are a	al for public exposure shall be restrict for public exposure shall be restrict ended soil shall be excavated or ren visions are made to prevent public of pplied shall not be harvested for one er land with a high potential for public	ed for at least 30 days following any noved from the site during this exposure to soil, dusts or aerosols; exper after application of biosolids
3.	b. Food applie montl c. Food bioso d. Other	crops with harvested parts that tour e harvested for 14 months after the crops with harvested parts below the cation of biosolids when the biosolid hs prior to incorporation into the soil crops with harvested parts below the lids remain on the land surface for a r food crops and fiber crops shall no crops shall not be harvested for 30	e surface of the land shall not be has remain on the land surface for a ti	rivested for 20 months after the me period of four (4) or more rivested for 38 months when the onths prior to incorporation.
4.	Following a. Meat b. Lacta	ess Restrictions: biosolids application to pasture or h producing livestock shall not be gra ting dairy animals shall not be graze animals shall be restricted from gra	zed for 30 days, ed for a minimum of 60 days.	
5.	applications su	ich that the total crop needs for nutr	lications will be coordinated with the ients are not exceeded as identified to \$10.1-104.2 of the Code of Virginia	in the nutrient management plan
6.	Tobacco, beca	use it has been shown to accumula	te cadmium, should not be grown or strial residuals which bear cadmium	n the Landowner's land for three equal to or exceeding 0.45
B	nbra.	Alla	//-	Date Date
	Landowner's S	ignature		Date
	Farm Operator	Signature	Mailing Addres	s & Phone Number

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS					
A. This land application agreement is made on					
the agricultural, silvicultural attached as Exhibit A.	or reciamation sites identified	Delow III Table 1 and Ide.			
Table 1.: Parcels aut	horized to receive biosolids, w	ater treatment residuals o	المستحدد الم		
Tax Parcel ID	<u>Tax Parcel ID</u>	Tax Parcel ID	Tax Parcel ID		
	20-A·24				
		A Cabach if annicable			
	d Application Sites are identified on S				
Check one: Th	e Landowner is the sole owne e Landowner is one of multipl	er of the properties identifies e owners of the properties	identified herein.		
within 38 months of the late 1. Notify the purchase later than the date 2. Notify the Permitte	est date of biosolids application or or transferee of the application of the property transfer; and e of the sale within two weeks	n, the Landowner snall: ble public access and crop following property transfe	г.		
notify the Permittee immed for application or any part of incorrect.	of this agreement becomes in	ch that the fields are no lor valid or the information her	ein contained becomes		
agricultural sites identified inspections on the land ide purpose of determining cor	ntified above, before, during ompliance with regulatory requi	andowner also grants per or after land application of rements applicable to such	permitted residuals for the application.		
Class B biosolids Wate ☑ Yes ☐ No ☑ Y	er treatment residuals Formula	yes □ No	Other industrial sludges ☑ Yes ☐ No ☑ Outhor Notes		
Timis All	,	11/24	Victora VA 23974		
Landowner - Printed Name, Tit	le Signature	, ,	Mailing Address & Phone Number 434 696 2479		
Permittee:		91 14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	7.7		
manner authorized by the VP	Permittee, agrees to apply blosc A Permit Regulation and in amou pplication field by a person certif	ints not to exceed the rates io	s on the Landowner's land in the lentified in the nutrient management 104.2 of the Code of Virginia.		
The Permittee agrees to notif specifically prior to any partic	y the Landowner or the Landown ular application to the Landowne	er's designee of the proposed 's land. Notice shall include t	d schedule for land application and the source of residuals to be applied.		
☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)					
Struko	Quite		temington, Virginia 22734		
Permittee – Authorized Represon			Mailing Address		

Page 1 of 2

Perm	ittee:	Recyc Systems, Inc	<pre>_ County or City: _</pre>	hunetruso
Land	owner:	Tinothy w Atlan	-	<u>ے</u>
Land	lowner	Site Management Requirement	s:	
l, the l applic	Landowne ation of b	er, I have received a DEQ Biosolids Fact oscilds, the components of biosolids and	Sheet that includes information in the state of the state	nation regarding regulations governing the lan
identif	ied below	n expressly advised by the Permittee that must be complied with after biosolids hat a sible for the implementation of these pra	ive been applied on my pr	quirements and site access restrictions operty in order to protect public health, and
l agred biosol	e to imple ids at the	ment the following site management prac site:	ctices at each site under r	ny ownership following the land application of
1.	Notificati biosolids complete	on Signs: I will not remove any signs por land application site, unless requested bed.	sted by the Permittee for to by the Permittee, until at le	the purpose of identifying my field as a east 30 days after land application at that site i
2.	b. c.	Public access to land with a high potenti any application of biosolids. Public access to land with a low potentia application of biosolids. No biosolids am same period of time unless adequate pro	al for public exposure shall nended soil shall be excavovisions are made to prev applied shall not be harve	Il be restricted for at least one year following be restricted for at least 30 days following an rated or removed from the site during this ent public exposure to soil, dusts or aerosols; sted for one year after application of biosolids ital for public exposure or a lawn, unless
3.	b. c. d. e.	Food crops with harvested parts that tou not be harvested for 14 months after the Food crops with harvested parts below the application of biosolids when the biosolid months prior to incorporation into the soil Food crops with harvested parts below the biosolids remain on the land surface for other food crops and fiber crops shall not the soil property of the prop	application of biosolids. he surface of the land sha is remain on the land surf il, he surface of the land sha a time period of less than of be harvested for 30 day	Ill not be harvested for 38 months when the four (4) months prior to incorporation.
4.	Follo a. b.	Access Restrictions: Owing biosolids application to pasture or I Meat producing livestock shall not be gra Lactating dairy animals shall not be graz Other animals shall be restricted from gr	azed for 30 days, led for a minimum of 60 d	ays.
5.	application	ental commercial fertilizer or manure appons such that the total crop needs for nuted by a person certified in accordance wit	rients are not exceeded a	red with the biosolids and industrial residuals s identified in the nutrient management plan e of Virginia;
6.	Tobacco years fol		ate cadmium, should not t	be grown on the Landowner's land for three
1	ina.	All		11-11
	Landown	er's Signature		Date

Farm Operator Signature

Mailing Address & Phone Number

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS					
PART D-VI: LAND APP	PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS				
A. This land application agreement is made on					
the agricultural, silvicultural attached as Exhibit A.	or reclamation sites identified	Delow in Table 1 and ide			
Table 1.: Parcels aut	horized to receive biosolids, w	vater treatment residuals			
Tax Parcel ID	<u>Tax Parcel ID</u>	Tax Parcel ID	Tax Parcel ID		
	20-20-1A	·			
Additional parcels containing Lan	d Application Sites are identified on S	Supplement A (check if applicat	ole)		
In the event that the Lando	e Landowner is the sole owne e Landowner is one of multipl wner sells or transfers all or p	e owners of the propertie art of the property to which	ied herein. es identified herein. ch biosolids have been applied		
Notify the purchase later than the date	est date of biosolids application or or transferee of the application of the property transfer; and e of the sale within two weeks	ole public access and cro	p management restrictions no er.		
notify the Permittee immed for application or any part of incorrect.	iately if conditions change suc of this agreement becomes in	ch that the fields are no ke valid or the information he			
The Landowner hereby grants permission to the Permittee to land apply residuals as specified below, on the agricultural sites identified above and in Exhibit A. The Landowner also grants permission for DEQ staff to conduct inspections on the land identified above, before, during or after land application of permitted residuals for the purpose of determining compliance with regulatory requirements applicable to such application.					
<u>Class B biosolids</u> <u>Wate</u> ⊠ Yes □ No ⊠ Y		ood processing waste Yes □ No	Other industrial sludges ☑ Yes ☐ No		
Charles E AL	Len Charles 9	Allen	Richard 2		
Landowner - Printed Name, Tit	le Signature		Mailing Address & Phone Number 434-696-2479		
Permittee:					
manner authorized by the VP	Permittee, agrees to apply blosc A Permit Regulation and in amou pplication field by a person certifi	ints not to exceed the rates	als on the Landowner's land in the identified in the nutrient management 1-104.2 of the Code of Virginia.		
The Permittee agrees to notify	v the Landowner or the Landown	er's designee of the proposer's land. Notice shall include	ed schedule for land application and the source of residuals to be applied.		
		the names signing for lands	owner above. I will make a copy of this		

☐ I reviewed the document(s) assigning signatory authority to the person signing for landowner above. I will make a copy of this document(s) available to DEQ for review upon request. (Do not check this box if the landowner signs this agreement)

Permittee – Authorized Representative Printed Name PO Box 562 Remington, Virginia 22734

Mailing Address

Page 1 of 2

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION: PART D-VI LAND APPLICATION AGREEMENT

Pern	nittee: Recyc Systems, Inc	_ County or City:	he bus
	downer: Caales FAlan	_ county or city:	y autority -
I, the applic	downer Site Management Requirements Landowner, I have received a DEQ Biosolids Fact S cation of biosolids, the components of biosolids and e also been expressly advised by the Permittee that	Sheet that includes inform proper handling and land the site management req	application of biosolids.
tnat !	ified below must be complied with after blosolids hav am responsible for the implementation of these prac-	ctices.	
l agre	ee to implement the following site management pract plids at the site:	ices at each site under m	y ownership following the land application of
1.	Notification Signs: I will not remove any signs post biosolids land application site, unless requested by completed.	ed by the Permittee for the the Permittee, until at least	ne purpose of identifying my field as a a sat a sat 30 days after land application at that site is
2.	Public Access a. Public access to land with a high potential any application of biosolids. b. Public access to land with a low potential application of biosolids. No biosolids ame same period of time unless adequate pro	for public exposure shall ended soil shall be excava visions are made to preve polied shall not be harves	be restricted for at least 30 days following any ated or removed from the site during this nt public exposure to soil, dusts or aerosols; led for one year after application of biosolide
3.	Crop Restrations: a. Focul crops with harvested parts that touch not be harvested for 14 months after the ab. b. Food crops with harvested parts below the application of biosolids when the biosolids months prior to incorporation into the soil, c. Food crops with harvested parts below the biosolids remain on the land surface for a d. Other food crops and fiber crops shall not e. Feed crops shall not be harvested for 30 d animals).	pplication of biosolids. surface of the land shall remain on the land surfa surface of the land shall time period of less than for be harvested for 30 days	not be harvested for 20 months after the ce for a time period of four (4) or more not be harvested for 38 months when the cur (4) months prior to incorporation.
4.	Livestock Access Restrictions: Following biosolids application to pasture or ha a. Meat producing livestock shall not be graze b. Lactating dairy animals shall not be grazed c. Other animals shall be restricted from graze	ed for 30 days, I for a minimum of 60 day	/s.
5.	Supplemental commercial fertilizer or manure applications such that the total crop needs for nutrie developed by a person certified in accordance with	ents are not exceeded as	identified in the nutrient management plan
6.	Tobacco, because it has been shown to accumulate years following the application of biosolids or indust pounds/acre (0.5 kilograms/hectare).	e cadmium, should not be	grown on the Landowner's land for three
	Handowner's Signature		//- 19-14 Date
	Farm Operator Signature	Maili	ng Address & Phone Number

i , *i* , . .

VIRGINIA POLLUTION ABATEMENT PERMIT APPLICATION FORM D: MUNICIPAL EFFLUENT AND BIOSOLIDS

_	Name and the second of the	-22 1000 0000 0000	THE WARD PARTY OF THE PARTY OF				
Р	ART D-V	/I: LAND	APPLICATION	AGREEMENT	- BIOSOLIDS	AND INDUSTRIAL	RESIDITALS

PART D-VI: LAND APPLICATION AGREEMENT - BIOSOLIDS AND INDUSTRIAL RESIDUALS				
A. This land application agr here as "Landowner", and Euntil it is terminated in writing the event of a sale of one of identified in this agreement receive biosolids or industriation.	Recyc Systems, Inc. refer g by either party or, with r more parcels, until own changes, those parcels f	red to here as the "P respect to those pard ership of all parcels of or which ownership h	ermittee". This cels that are retained and the cels that are retained.	agreement remains in effect ained by the Landowner in ership of individual parcels
Landowner: The Landowner is the owner agricultural, silvicultural or redocumentation identifying o	eclamation sites identifie	d below in Table 1 ar	nd identified on t	Virginia, which includes the the tax map(s) with county
Table 1.: Parcels au	thorized to receive biosc	olids, water treatment	residuals or oth	ner industrial sludges
Tax Parcel ID	Tax Parcel ID	Tax Pa	arcel ID	Tax Parcel ID
	20-A-19	1	F (M () M	
	20-A-20			
☐ Additional parcels containi	ng Land Application Sites are id	dentified on Supplement A	(check if applicable	e)
	andowner is the sole owr andowner is one of multip			
than the date of the 2. Notify the Permittee The Landowner has no other	st date of biosolids applic r or transferee of the app property transfer; and e of the sale within two w er agreements for land ap	cation, the Landowne plicable public access eeks following proper oplication on the field	r shall: and crop mana ty transfer. s identified here	gement restrictions no later
application or any part of th				
The Landowner hereby grad agricultural sites identified a inspections on the land iden purpose of determining com-	bove and in Exhibit A. Tatified above, before, duri	he Landowner also ging or after land appli	rants permission cation of permit	on for DEQ staff to conduct ted residuals for the
Class B biosolids Water ☑ Yes ☐ No ☑ Ye	r treatment residuals s □ No	Food processing was ⊠Yes □ No	te Other i ☑ Yes	ndustrial sludges □ No
Printed name T Aller	Mailing Addres	s Anew VA	13007 Landown	ner Signature
By: Self Title*	Phone No.	1.1. thry KA	90 6	mull
* I certify that I have authorit	y to sign for the landowner as	indicated by my title as e	xecutor, Trustee or	Power of attorney, etc.
* I certify that I am a responsi				
proprietorship, LLC, municipalit	, state or federal agency, etc.		72.0	
authorized by the VPA Permit prepared for each land applica	Regulation and in amounts tion field by a person certific	not to exceed the rates ed in accordance with §	identified in the n 10.1-104.2 of the	Code of Virginia.
The Permittee agrees to notify specifically prior to any particular	ar application to the Landon	wner's land. Notice sha	Il include the sou	rce of residuals to be applied.
Printed name Susan Trumbo	Mailing Ad	dress 2, Remington Virginia 227		Authorized Representative
Title Technical Man		540-547-3300	34	Hales

Rev 6/11/2018

		San declare religion in the	The state of the s		La bruso
Perm	ittee:	1	ystems, Inc	County or City:	Musimo
Land	owner: _	Victor-	T Allen	-	
Land	owner Si	te Managemer	it Requirements:		
land a	pplication	of biosolids, the	components of biosolid	s and proper handling and	ation regarding regulations governing the land application of biosolids.
identif	fied below	must be complied	ed by the Permittee tha d with after biosolids ha ementation of these pra	ve been applied on my pro	uirements and site access restrictions operty in order to protect public health, an
	e to impler solids at th		site management prac	ctices at each site under m	y ownership following the land application
1.	Notification biosolids site is con	land application s	t remove any signs pos site, unless requested b	sted by the Permittee for the permittee, until at least	ne purpose of identifying my field as a ast 30 days after land application at that
2.	b. c.	Public access to lot following any app Public access to any application out this same period aerosols; Turf grown on larbiosolids when the	lication of biosolids. and with a low potential f biosolids. No biosolid of time unless adequat d where biosolids are a	al for public exposure shall s amended soil shall be ex e provisions are made to p applied shall not be harves	be restricted for at least one year be restricted for at least 30 days following cavated or removed from the site during revent public exposure to soil, dusts or ted for one year after application of gh potential for public exposure or a lawn,
3.	c.	strictions: Food crops with his shall not be harve Food crops with happlication of biomonths prior to in Food crops with his biosolids remain Other food crops	narvested parts that tou ested for 14 months after narvested parts below to solids when the biosolic corporation into the so- narvested parts below to on the land surface for and fiber crops shall no	er the application of biosoline surface of the land shaleds remain on the land surfact, he surface of the land shaled time period of less than for the harvested for 30 days	re and are totally above the land surface ds. I not be harvested for 20 months after the ace for a time period of four (4) or more I not be harvested for 38 months when the four (4) months prior to incorporation, a after the application of biosolids; of biosolids (60 days if fed to lactating
4.	Follo a. b.	Meat producing li Lactating dairy ar	plication to pasture or vestock shall not be gr	azed for 30 days, sed for a minimum of 60 da	ys.
5.	residuals	applications such	n that the total crop nee	eds for nutrients are not exc	ed with the biosolids and industrial ceeded as identified in the nutrient 1-104.2 of the Code of Virginia;
6.	Tobacco, years foll pounds/a	because it has becowing the applicatore (0.5 kilogram	een shown to accumul	ate cadmium, should not b	e grown on the Landowner's land for thre cadmium equal to or exceeding 0.45
-	Landow	ner's Signature			Date
	Operato	//// r's Signature	mailing a	ddress & phone	Date
				and the second s	CONTRACTOR OF THE PROPERTY OF

RECYC SYSTEMS, INC FIELD DATA SHEET

Field	Gross	Envi	rommentally s	Se ns itive S	oils		Tax	FSA
Identification	Acres	W atter Tatble	Bed Rock@bladlow	Su rf//Leac h	Freq Flood	Hydro Map	Map#	Tract #
LUWCA 1	14.7		-	<u>-</u>		CM06	TM20A,P24, 25	912
LUWCA 2	19.1	-	-	-	·	CM06	TM20A,P24, 25	912
LUWCA 3	9.1	-	, <u>-</u>	-	.	CM06	TM20A,P24, 25	912
LUWCA 4	23.9	+	-	-	-	CM06	TM20A,P24, 25	912
LUWCA 5	32.9			. =	=	CM06	TM20A,P20	912
LUWCA 6	44.5	6	-	6	=	CM06	TM20A,P20	912
LUWCA 7	56 .0	6	<u>-</u>	6		CM06	TM20A,P19, 20	912
LUWCA 8	22.6	-	-	-	-	CM06	TM20(5),P1-4, TM20(11),P1,2	912
LUWCA 9	59.2	6,3B,12B,12C2	=	6	=	CU02	TM20(2),P1A	105 2
							·	
TOTAL ACRES IN SITE	282.0				,			

Recyc Systems, Inc

W.C. Allen SitSite

County	Owner	Operator	FSA Tract No.	Recyc Field No.	Acres	Date of Last Applicattion
Lumenburg	W.C. Allen	W.C. Allen	T912	LUWCA 1	14.7	11/05
			Field 1			
			T912	LUWCA 2	19.1	11/05
			Fijelid 2			
			T 91 2	LUWCA 3	9.1	11/05
			Field 4			
,			T 91 2	LUWCA 4	23.9	11/05
		j	Firelid 3			•
			T912	LUWCA 5	32.9	12/05
			Field 10			•
			T912	LUWCA 6	44.5	12/05
			Field 9			,
			T912	LUWCA 7	56	09/08
			Fields 5,6,12			
			T912	LUWCA 8	22.6	12/05
			Fields 14,15			•
			T1052	LUWCA 9	59.2	09/08
			Fields 1,2			

Report Number:

R08205-0005

A&L EASTERN LABORATORIES, INC.

Account Number:

7621 Whitepine Road • Richmond, Virginia 23237-2214 Phone (804) 743-9401 • Fax (804) 271-6446

70594

Website: www.al-labs-eastern.com • E-mail: office@al-labs-eastern.com

Send To: RECYC SYSTEMS INC

POB 562

REMINGTON, VA 22734

Grower: W C ALLEN

LUNENBURG

Farm ID:

Field I D:

SOIL ANALYSIS REPORT

Analytical Method(s):

Submitted By: C CARLO

		• • •		rinary treat inettrea(s):
Page: 1	Date Received: 7/23/2008	Date of Analysis: 7/24/2008	Date of Report : 7/25/2008	Mehlich III

			Organi	c Matter		Phos	phorus	Potassiun	n Ma	gnesiun	n j	Calcium	1	Sodiu	m	<u> </u>	рН	Acidity	C.E.C.
Sample Number	Lāb Numbe		6	ENR lbs/A. R		vailable om Rate	Reserve ppm: Rat	K e ppm Ra	1.00	MG m Ra	ate	CA ∌ppm∷sR	late	NA ⊭ ppm		Soil pH		H meq/100g	meq/100g
LWW03A7-	3378	4	1.3 12	12 5 5 M	7					05	Н	970	М			6.0	68	11.2	8.0
LWWOOAS	3379	3	3.6 11	11 5 M	M 3	33 M		59		80	М	280	VL			4.6	6.7	26	4.9
		<u> </u>	·																
	1 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		rs zero reses	es feletil in de	is and Designation	er i Shalish erskip tarak		68 (84 (87 (94) - 187 (187 (187 (187 (187 (187 (187 (187	. See EVO TO										1
Sample		CONTRACTOR	CONTRACT MAKE	aturation	A CONTRACTOR	Nitrat	THE SEC PROPERTY OF THE RESERVE	Consult of the Consul	Contract Can below to the	ganese	6	Iron		opper	-	ron	Soluble Salts	Chloride	Aluminum
Number	K %	Mg %	Ca %	Na %	- Н %	NO3-I ppm F			ate ppn		p	FE pm Rate		CU m Rate	ppm		ms/cm Rate	CL ppm Rate	AL ppm Rate
LUWCA-7	2.8	21.3	60.5		15.4														
LUWCA-9	3.1	13.7	28.8		54.3														
				ļ ·										······································					

ALEGRA

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release, C.E.C. - Cation Exchange Capacity

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after resting. Son Analysis prepared by A & L EASTERN LABORATORIES. INC

Fail Ch

Paul Chu, Ph.D.

Report Number: R08205-0005 Account Number:

70594

A&L EASTERN LABORATORIES, INC.

7621 Whitepine Road • Richmond, Virginia 23237-2214 Phone (804) 743-9401 • Fax (804) 271-6446

Website: www.al-labs-eastern.com • E-mail: office@al-labs-eastern.com



To: RECYC SYSTEMS INC

POB 562

REMINGTON, VA 22734

For: W C ALLEN

Copy To: C CARLO

Date Reported: 007/23/2008

Date Reported: 007/25/2008

SOIL FERTILITY RECOMMENDATIONS

Page:

						The state of the s	180 DM	100			()	i _ l	ı
			Nitrogen	Phosphate	Potash	Magnesium	Sulfur	Zine	Mangganess	iron	Copper	Boron	ı
Sample	Yield Goal	Lime	N	P205	K20	Mg	S	Zn	Mh	Fe	Cu	B	ĺ
Intended Crop	rieid Goai	Tons/A	lb/A	lb/A	lb/A	lb/A	lb/A	Ib/A	lb/A	lb//A	lb//A	lb//A	l
IU			10//	idi ayandan od	and we still the second	tari, este aktoriori (j. 1914).	Markey Steel						ĺ
LUWCA-7 Adj pH To 6.8		1.3	0	0	0	0					•	!	
	1	2.5	O	l o	0	0						!	
LUWCA-9 Adj pH To 6.8		2.9							1				
			į							i			-
				1		Ì				i			-
	,		•										l
	I	<u> </u>	<u> </u>	I									

Sample LUWCA-9: Apply dolomitic lime to raise pH and improve the magnesium level.

"The recommendations are based on research data and experience, but NO GUARANTEE or WARRANTY expressed or implied, concerning crop performance is made."

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A&L Eastern Laboratories, Inc.

gat th

Paul Chu, Ph.D.

Report Number: 2005-R063-055

Account # 70594

A&L EASTERN AGRICULTURAL LABORATORIES, INC. 7621 Whitepine Road · Richmond, Virginia 23237 · (804) 743-9401

Fax No. (804) 271-6446 • Email: office@al-labs-eastern.com

Send To:

RECYC SYSTEMS INC

POB 562

REMINGTON, VA 22734

Grower:

W C ALLEN LUNENBURG Samples Submitted By:

H MOODY

SOIL ANALYSIS REPORT

Analytical Method:

Ammonium Acetate, Bray-P

	-		-lean de	02/02/	2006	г	hate of	Analy	sis: 03	3/04/200	5	Date of	Repo	ort: 03/07/2	200	5	Ammo	onium Aceta	te, Bray-P	
Page: 1	Da	te Rec	CONTRACTOR OF THE PARTY OF THE	Salar Salar Salar	2000		Phospi	ALCOHOLD STANA	% 23 t	Potass	THE REAL PROPERTY.	Magne	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TO T	Galcium	DESMENT OF	Şodlur	n II	pHr	Acidity	C.E.C.
Sample Number	Lab Number	07	rganic N	ENR		NOTES SOME	lable	Res	erve Rate	i K	2000	MC	化测量的	ÇA ppm Ra	ite	NA ppm R	Soil ate pH	Buffer Index	H meg/100g	meq/100g
LUWCA-1	03751	3.	5	lbs/A 111	H H	opm 3	Rate 3 H		6 VH		VL	109		1110 VI			6.9	9	0.1	6.6
	ACTION OF THE PARTY OF THE PART					4	9 M	3	4 M	125	VH	114	VH	530 N	M		5.9	9 6.85	0.8	4.7
LUWCA-2	03752	3.	.0	103	M	1	9 IVI	3	-4 141								5.	7 6.85	0.8	4.0
LUWCA-3	03753	2	.9	102	Н	1	1 L	2	0 L	62	M	68	M	480	М		5.			
LUWCA-4	03754	2	.6	96	M		6 VL	1	0 VL	77	М	91	VH	480	М		5.	6.85	0.8	4.1
LUWCA-5	03755		.6	114	Н	4	5 VH	6	O VH	101	Н	65	L	320 V	/L		5.	1 6.61	3.2	5.6
LUVVCA-5	03/00	"	.0	114								TO BE THE ROLL OF		A SHAPE OF SHAPE OF	0.00			Soluble	Chloride	Aluminun
		Percent	Base S	aturatio	n.		Nitrat	BURNEY BURN	Sulfur	STANK STREET, THE STANKS	nc l	Mangar	CONTRACT I	Iron FE	6	CU	Boron B	Salts	CL	AL
Sample Number	K %	Mg %	Ca %	Na %	H %	CO PERSON	NO3-I		SO4-S pm R		N Rate	MN ppm *	SOVERPRISE.	经关系的证据	PE	m Rate	AND AND PARTY OF THE PARTY OF T	ms/cm Rate	ppm Rate	ppm Ra
LUWCA-1	1.4	13.7	83.6	435.65	1	.4				-										
LUWCA-2	6.8	20.1	56.0		17	1.1		1												
LUWCA-3	4.0	14.3	60.6		21	1.1														
LUWCA-4	4.8	18.3	57.9		19	0.0	4													
LUWCA-5	4.6	9.7	28.6		57	7.1														

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

Explanation of symbols: % (percent), ppm (parts per million), lbs/A (pounds per acre), ms/cm (milli-mhos per centimeter), meq/100g (milli-equivalent per 100 grams). Conversions: ppm x 2 = lbs/A, Soluble Salts ms/cm x 640 = ppm.

This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by A & L EASTERN AGRICULTURAL LABORATORIES, INC.

C. Norman Jones

Report Number: 2005-R063-055

Account # 70594

A&L EASTERN AGRICULTURAL LABORATORIES, INC. 7621 Whitepine Road · Richmond, Virginia 23237 · (804) 743-9401

Fax No. (804) 271-6446 • Email: office@al-labs-eastern.com



Send To:

RECYC SYSTEMS INC

POB 562

REMINISTION, VA 22779 4

Growerr:

W C ALLEN LUNENBURG

Samples Submitted By: H MOODY

SOIL ANALYSIS IS REPORRT

Analytical Method:

Ammonium Acetate, Bray-P

Pate Received: 03/03/2005 DateoiAnelyBhalysis: 03/04/2005 Dat Date()ff Report R Page: 2

			Organic N	Matter		Phofph	npfni	PQ\$###hov	Magnesium	Galgium	Sg#lumi	Control of the last of the las	PH .	AcWI&	G,E.Iu
Sampla Numb#f	Lab Numbe		4	E1% k#A		/#ifa,BJ w Rate	R@g@rv ppm Rat e	K ppm Ratale	MG ppm Rate	Wry	. NA ppm Rai	Rate pH	ind**	moq/10/Q	meq/IO@
LUWCA6	0375	3	38	117 HH		53 VIH	69 VH	97 MI	123 VH	ph 630 M	е	5.	5 678	1.5	60
LUWCAZ	03/15	- 3	3.3	109 MM		52 VIH	83 VH	26 VL	105 VH	750 HH		6.	5 689	0.4	5.1
LUWCAS	03/7/5		2.5	96 HH		8 WL	14 L L	31 L L	41 L L	310 M	1	5.	2 6.83	1.0	3.0
LUWCA	03/75		2.2	88 M/		32 HH	40 MM	107 VH	50 L L	240 V/L	ı	5.	0 667	26	45
				- 1	-	1			a a s						
		Percen	t Base S	aturation		Nitrati	Sulfur	Zing	Manganese	Iren	Copper	Boron	Soluble Salts	Chloride	Aluminum
Sample Number	K %	Mg %	Ca %	Na %	H %	NO3-N		ZN ate ppm Rate	MN ppm Rate	FE ppm Rate	ppm Rate	ppm Rate	ms/cm Rate	Ppm Rate	AL ppm Rate
LUWCA-6	4.2	17.2	52.9	ASSESSMENT COLUMN	25.8										
LUWCA-7	1.3	17.3	74.0		7.4										
LUWCA-8	2.7	11.4	51.8		34.1						4				
LUWCA-9	6.1	9.3	26.7	Tipes.	57.9										
	1				100		7.	1 2 1 - 10							

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

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This report applies to the sample(s) tested. Samples are re maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN AGRICULTURAL LABORATORIES, INC.

C. Norman Jones

Report Number:

A&L EASTERN AGRICULTURAL LABORATORIES, INC. 7621 Whitepine Road • Richmond, Virginia 23237 • (804) 743-9401

2003-R227-033 Account # 70594 Fax No. (804) 271-6446 • Email: office@al-labs-eastern.com



Send To:

Page: 1 Dat

RECYC SYSTEMS INC

POB 562

REMINGTON, VA 22734

Grower:

W C ALLEN LUNENBURG CO Samples Submitted By: SONNY DEAL

SOIL ANALYSIS REPORT

Anatytica all Wethbod: Date Received: 08/14/2003 DatDate of Analysis: 08/15/2003 DatDate of Report 08/18/2003 Ammoniu Ammonium Acetate, Bray-P

-; Sampte jNawld		Organic	Matter		Phbsph	ndauJ1	PdlapslUn	BKRKB	Calciu m	Sodium lum.	l ' ,	pH/> -1	Acid ty C	E.C CIE.C.	
Samplee" Numbeer"	Number		%	ENR Ibs/A		IMgSBy Rate	^eser/en.c.1 ppm Rate	K K	MG ;BplVlj; ^aie;	'CACA!"	\		4^ BuMo r Index	Afffleq/n O 0g	j • meq/IOOg
UJWCA-1	18/64	4	11112	12 4 HH	SO ROUGHS AND SOME	47 VH	70 VH	45 L L	123 VH	750 M M		6.1	6.85	08	5.7
LUWGA	1876	3	1.1 10	105 MM		12 L L	24 L L	82 MM	1112 VH	600 MM		57	6.82	1.1	52
LUWCAS	1876	3	34 10	10 9 HH	-	7 VL	13 L L	100 MM	151 VH	730 MM		60	6.84	0.9	6.1
LUW/G/4	1876	1 3	33 10	109 MM		6 WL	10 WL	124 VH	94 HH	550 MM		58	6.84	0.9	48
LUW6/5	1876	4	1.1 12	12 4 HH	2 1	5 WL	9 WL	102 HH	1118 VIH	650 MM		5.7	6.81	1.2	57
	i i	ercen	t Base S	aturation		Nitrate	Sulfur	Zinc	Manganese	lion	Copper	Boron	Soluble	Chloride	Alüminum
Sample Number	K S	Mg	Ca %	Na %	H %	NO3-N ppm Ra	SO4-S e ppm Ra	ZN	MN ppm Rate	FE ppm Rate	CU ppm Rate p	B pm Rate	Salts ms/cm Rate	CL ppm Rate	AL ppm Rati
LUWGA-	2.0n	118 tr	662	S CONTRACTOR OF THE PERSON OF	13.7		THE SHALL SERVICE SHAPE	nors and Make and accommodate		at a factor of the same of the					
LUW/G/2	4.0	1778	577.1		211					4					
LUWGAS	4.2	206	598		1/54						1				
LUW/06/4-	6.7	1165	577.8		190						- 1				
LUW/0/45-	4.6	177.3	577.1		21.1			1							

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

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This report applies to the sample(s) tested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN AGRICULTURAL LABORATORIES, INC.

C. Norman Jones

Report Number:

A&L EASTERN AGRICULTURAL LABORATORIES, INC. 7621 Whitepine Road • Richmond, Virginia 23237 • (804) 743-9401

2003-R227-033

Fax No. (804) 271-6446 • Email: office@al-labs-eastern.com

Account # 70594



RECYC SYSTEMS INC Send To:

POB 562

REMINGTON, VA 22734

WCALLEN Grower:

LUNENBURG CO

Samples Submitted By: SONNY DEAL

SOIL ANALYSIS REPORT

Date Received: 08/14/2003 DatDate of Amalysis: 08/15/20033 Dat Dato of Report 08/18/2003 Pagee: 2

Analytical Method: Ammonium Acetate, BrayP

			Organic I	Matte r		Phospi	iorus 📜 🥻	PoWssium	Magnesium	Calcium	Sodlum		pH	Acidity	C.E.C.
Sample Number r'/(A	Lab N.Umb	er	6	ENR% 6sVA:		vailable R Rate	Reserve ppm Rate	K ppm Rate	ppm Rate	CA ppm Rate	NA e ppm Rate	Soil pH	Buffer Index	meq/100g	
LUWCS	1876	3	.3	109 MM		6 VL	10 VL	1000 HH	82 H	550 MM	M AND PE	5.7	6.83	10	4.7
LUW6#-	1870) 4	2	127 H		7 VL	11 VL	60 LL	105 VH	550 NM		5.5	680	13	5.1
LUWGA	1877	1 3	3.7	117 H		8 VL	14 LL	74 M/	96 H ^H	520 NM		5.4	6.79	14	50
LUWGA	1872	2 3	3.11	107 H		8 VL	12 LL	63 NM	73 H	370 LL		53	6.81	12	Вø"
		Percent	Base S	aturatio n		Nitrate	Sulfur	Zinc	Manganese	Iron	Copper	Boron	Soluble	Chloride	Aluminum
Sample Number;	K %	Mg %	Cā	Na %	H ~ %	k033-N	# 504:-5 ate ppm Ra	ZN ate ppm Rate	MN I	. FE;	CIkUj^ Y wpprnJfSRaif pr	B Rate n	iSalts ns/cm Rate	CU ppm Rate	Ppm Rati
LUW6A	5.5	14.6	58.8		21.1										
LUWGA-	3.0	17.2	540		258									E TOPE OF	
LUW6&	3.8	Ho	51.99		283		A PARTY			4					
LUWGA	4.3	16%	487		3110		E E 8			100					

Values on this report represent the plant available nutrients in the soil. Rating after each value: VL (Very Low), L (Low), M (Medium), H (High), VH (Very High). ENR - Estimated Nitrogen Release. C.E.C. - Cation Exchange Capacity.

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This report applies to the sample(s) lested. Samples are retained a maximum of thirty days after testing. Soil Analysis prepared by:
A & L EASTERN AGRICULTURAL LABORATORIES, INC.

C. Norman Jones

Dames Pake

THE PLANNER IS NOT STATE CERTIFIED

Nutrient Management Plan Balance Sheet (Fall, 2009-Winter, 2010) W. C. Allen

Planner: Recyc Systems, Inc.

0/0

70-50-110

Tract: 1052 Location Location: Lumenbourg

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, OP = No IP allowed) Field Size Yr. Crop Needs Manure/Biosld Man/Bijos Net = Needs -Commercial Lea Sum Notes CFSA No. (ac) N-P-K /Man Rate & Type N-P-K appld N-P-K N-P-K /Name Totall/ Resid (lbs/ac) (season) (lbs/ac) (lbs/ac) rem (lbs/ac) Used cred 1,2/LUW/CX099(N)) 59/59 2009 Orchardorass hav 70-50-110 0/0 70-50-110 N/A

70-100-220

N/A

Tract: 912 Location Location: Lurreenbourg

mt. . .

2010

(N = N based, 1P = P based, 1.5P = P based at 1.5 removal, OP = No P allowed) Field Manure/Biosld Man/Bijos Net = Needs -Commercial Notes Size Yr. Crop Needs Lea Sum CFSA No. N-P-K appld N-P-K N-P-K (ac) N-P-K /Man Rate & Type (d) Total!/ (lbs/ac) (lbs/ac) /Name (lbs/ac) Resid (season) (lbs/ac) rem Used cred 70-40-130 N/A 1/LUWCA01(N) 2009 70-40-130 0/0 15/15 Orchardgrass hav mt. 2010 70-40-130 0/0 70-80-260 N/A 2/LUWCA02((N)) 19/19 2009 Grass Pasture 50-80-0 0/0 50-80-0 N/A 50-80-0 0/0 50-160-0 N/A 2010 4/LUW/C/A003((NI) 9/9 Orchardgrass hav 70-60-110 70-60-110 N/A 2009 0/0 mt. 2010 70-60-110 0/0 70-120-220 N/A 3/LUWCA04(N) 24/24 2009 Grass Pasture 50-100-80 0/0 50-100-80 N/A 2010 50-100-80 0/0 50-200-160 N/A 70-40-95 70-40-95 N/A 10/LUWCA05(N) 33/33 2009 Orchardgrass hay 0/0 mt. 70-80-190 N/A 2010 70-40-95 0/0 9/LUWCA06(N) 45/45 50-0-40 0/0 50-0-40 N/A 2009 **Grass Pasture** 50-0-80 2010 50-0-40 0/0 N/A 5, 6, 56/56 2009 Orchardorass hav 70-0-95 0/0 70-0-95 42 12/LUWCA07(1P) mt. 70-0-95 70-0-190 2010 0/0 83 14, 23/23 2009 **Grass Pasture** 50-40-70 0/0 50-40-70 N/A 15/LUWCA08(N) 0/0 N/A 2010 50-40-70 50-80-140

Commercial Application Methods:

br - Broadcast ba - Banded sd - Sidedress

Notes:

THE PLANNER IS NOT STATE CERTIFIED

W. C. Allen Narrative

The W.C. Allen Farm is located in Lunenburg County. The farm consists of hayland and pasture for their cow calf operation.

This partial plan is written for the purpose of obtaining a biosolids permit. Biosolids application has not been shown since it is uncertain when a permit will be obtained. The partial plan will be revised prior to biosolids application to obtain a target biosolids application rate.

Soil Test Summary

Tract	Field	Acre	Date	P205	K20	Lab	Soil #H	Lime Date	rec. lime toms//Ac
1052	LUWCA09	59	2008-Su	M (33 P ppm)	M- (59 K ppm)	A&L MIII	4.6		· · · · · · · · · · · · · · · · · · ·
912	LUWCA01	15	2005-Wi	H (33 P pppm)	L (35 K pppm)	A&L (Weak Bray)	6.9		
912	LUWCA02	19	2005-Wi	M (19 P ppm)	H-(125 K ppm)	A&L (Weak Bray)	5.9		• •
912	LUWCA03	9	2005-Wi	M- (11 P ppm)	M- (62 K ppm)	A&L [*] (Weak Bray)	5.7		
912	LUWCA04	24	2005-Wi	L+ (6 P ppm)	M (77 K ppm)	A&Ľ (Weak Bray)	5.8		
912	LUWCA05	33	2005-Wi	H- (45 P ppm)	M (101 Kpppm)	A&L (Weak Bray)	5.1		
912	LUWCA06	45	2005-Wi	H (53 P ppm)	M (97 K pppm)	A&L (Weak Bray)	5.5		
912	LUWCA07	56	2008-Su	VH (151 P ppm)	M (86 K ppm)	A&L Mill	6.		
912	LUWCA08	23	2005-Wi	L+ (8 P ppm)	L (31 Kpppm)	A&L (Weak Bray)	5.2		

Field Productivities for Major Crops

Tract Name	Tract/ Field	Field Name	Acres	Predominant Soil Series	Corn	Small Grain	Alfalfa	Grass Hay	Environmental Warnings
1052	1052/1, 2	LUWCA09	59	Cecil	IVb	IV	Not Suited	IV	
912	912/1	LUWCA01	15	Georgeville	IVb	IV	III	IV	
	912/2	LUWCA02	19	Georgeville	IVb	IV	Ш	IV	
	912/4	LUWCA03*	9	Georgeville	IVb	IV	111	IV	High Slope
	912/3	LUWCA04	24	Georgeville	IVb	IV	Ш	IV	
	912/10	LUWCA05	33	Herndon	IVb	IV	Ш	IV	
	912/9	LUWCA06	45	Georgeville	IVb	IV	111	IV	
912 12	912/5, 6, 12	LUWCA07*	56	Georgeville	IVb	IV	111	IV	High Slope
	912/14, 15	LUWCA08	23	Georgeville	IVb ·	IV	Ш	IV	

^{*} Do not apply manure or biosolids more than 30 days prior to planting. Apply commercial fertilizer nitrogen to row crops in split spring applications.

Yield Range

Field Productivity Group	Corn Grain Bu/Acre	Barley/Intensive Wheat Bu/Acre	Std. Wheat Bu/Acre	Alfalfa Tons/Acre	Grass/Hay Tons/Acre
1	>170	>80	>64	>6	>4.0
11	150-170	70-80	56-64	4-6	3.5-4.0
111	130-150	60-70	48-56	<4	3.0-3.5
IV	100-130	50-60	40-48	NA	<3.0
V	<100	<50	<40	NA	NA

Farm Summary Report

Plan:

New Plan

Fall, 2009 - Winter, 2010

Farm Name:

W. C. Allen

Location:

Lunenburg

Specialist:

Recyc Systems, Inc.

Tract Name:

1052

FSA Number: 1052

Location:

Lunenburg

Field Name:

LUWCA09

Total Acres:

59.20 Usable Acres: 59.20

FSA Number: 1, 2

1052

С

Tract: Location:

Lunenburg

Slope Class:

Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

PH

Κ

Lab

Su-2008

4.6

M(33 P ppm)

M-(59 K ppm)

A&L MIII

Soils:

PERCENT

SYMBOL

SOIL SERIES

1C2

Appling

3

3B

Bolling

Caroline 3 4B 36 5B2 Cecil 6 5C2 Cecil Augusta Chewacia Toccoa 18 6 4 12B Iredell 6 12C2 Iredell 22 19D2 **Pacolet**

Field Warnings:

Crop Rotation:

PLANTED YIELD CROP NAME

2009-Fa 2.4 tons Orchard grass (hay), maint. - No Till Orchard grass (hay), maint. - No Till

Tract Name: 912 FSA Number: 912

Location: Lunenburg

Field Name: LUWCA01

Total Acres: 14.70 Usable Acres: 14.70

FSA Number: 1 Tract: 912

Location: Lunenburg

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab Wi-2005 6.9 H(33 P ppm) L(35 K ppm) A&L (Weak Bray)

Soils:

PERCENT SYMBOMBOL SOI SOIL SERIES

3 1C

1C2 AppAippling

10 5B

5B2 Ceccecil

85 8B

8B2 Geologovijleville

2 8C

8C2 Georgeville

Field Warnings:

Crop Rotation:

PLANTED

YIELD

CROP NAME

2009-Fa

2.6 tons

Orchard grass (hay), maint. - No Till

2010-Sp

2.6 tons

Orchard grass (hay), maint. - No Till

Field Name:

LUWCA02

Total Acres:

19.10 Usable Acres: 19.10

FSA Number: 2 Tract:

912

Location:

Lunenburg

Slope Class:

С Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

PH

Κ

Lab

Wi-2005

5.9

M(19 P ppm)

H-(125 K ppm)

A&L (Weak Bray)

Soils:

PERCENT SYMBOL SOIL SERIES
63 8B2 Georgeville

63 8B2 Georgeville 19 8C2 Georgeville 18 21D2 Tatum

Field Warnings:

Crop Rotation:

PLANTED YIELD CROP NAME

2009-Fa 1.7 acres/AU Orchard grass/fescue pastures<=25% legume, maint. - No Till Orchard grass/fescue pastures<=25% legume, maint. - No Till

Field Name: LUWCA03

Total Acres: 9.10 Usable Acres: 9.10

FSA Number: 4 Tract: 912

Location: Lunenburg

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab Wi-2005 5.7 M-(11 P ppm) M-(62 K ppm) A&L (Weak Bray)

Soils:

PERCENT SYMBOL SOIL SERIES

57 8B2 Georgeville 1 8C2 Georgeville 42 21D2 Tatum

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with perent slope in excess of 15%

Crop Rotation:

PLANTED YIELD CROP NAME

2009-Fa 2.6 tons Orchard grass (hay), maint. - No Till Orchard grass (hay), maint. - No Till

Field Name: LUWCA04

Total Acres: 23.90 Usable Acres: 23.90

FSA Number: 3 Tract: 912

Location: Lunenburg

Slope Class: B Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab Wi-2005 5.8 L+(6 P ppm) M(77 K ppm) A&L (Weak Bray)

Soils:

PERCENT SYMBOL SOIL SERIES

62 8B2 Georgeville 33 8C2 Georgeville 2 11C2 Herndon

Field Warnings:

Crop Rotation:

PLANTED **YIELD** **CROP NAME**

2009-Fa

1.8 acres/AU

Orchard grass/fescue pastures<=25% legume, maint. - No Till

2010-Sp

1.8 acres/AU

Orchard grass/fescue pastures<=25% legume, maint. - No Till

Field Name:

LUWCA05

Total Acres:

32.90 Usable Acres: 32.90

FSA Number: 10

Tract:

912

Location:

Lunenburg

Slope Class: С

Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

Κ

Lab

Wi-2005

5.1

H-(45 P ppm)

M(101 K ppm)

A&L (Weak Bray)

Soils:

PERCENT

SYMBOL

SOIL SERIES

6 Augus Augusta Chewacla Toccoa

32 8B **66** 11C 8B2 George evideville

11C2 Herliedrodon

1 17D

17D2 Nakason

Field Warnings:

Crop Rotation:

PLANTED YIELD CROP NAME

2009-Fa 2.1 tons Orchard grass (hay), maint. - No Till 2010-Sp 2.1 tons Orchard grass (hay), maint. - No Till

Field Name: LUWCA06

Total Acres: 44.50 Usable Acres: 44.50

FSA Number: 9 Tract: 912

Location: Lunenburg

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab Wi-2005 5.5 H(53 P ppm) M(97 K ppm) A&L (Weak Bray)

Soils:

PERCENT SOIL SERIES SYMBOL 6 Augusta Chewacia Toccoa 13 8B2 Georgevijleville 28 8C2 Georgeville 20 11B2 Helmedndon 10 18 11C2 Herliedtodon 5 16C2 Meldetakhenbrurg 17D2 Nasason

Field Warnings:

Crop Rotation:

PLANTED

YIELD

CROP NAME

2009-Fa

2.7 acres/AU

Orchard grass/fescue pastures<=25% legume, maint. - No Till

2010-Sp

2.7 acres/AU

Orchard grass/fescue pastures<=25% legume, maint. - No Till

Field Name:

LUWCA07

Total Acres:

56.00 Usable Acres: 56.00

Tract:

FSA Number: 5, 6, 12 912

С

Location:

Lunenburg

Slope Class:

Hydrologic Group:

В

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

P-based(1.0)

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE

Κ

Lab

Su-2008

PH 6.0

VH(151 P ppm)

M(86 K ppm)

A&L MIII

Soils:

PERCENT

SYMBOL SOIL SERIES

5B2 CecCecil

6 Augusta Chewacla Toccoa

34

8B2 Georgevijleville

8C2 Georgevijeville

13

11C2 Helledodon

8

19102 Paradoelet

32

21D2 TaTuatum

Field Warnings:

Environmentally Sensitive Soils due to:

Soils with perent slope in excess of 15%

Crop Rotation:

PLANTED YIELD CROP NAME

2009-Fa 2.5 tons Orchard grass (hay), maint. - No Till 2010-Sp 2.5 tons Orchard grass (hay), maint. - No Till

Field Name: LUWCA08

Total Acres: 22.60 Usable Acres: 22.60

FSA Number: 14, 15 Tract: 912

Location: Lunenburg

Slope Class: C Hydrologic Group: B

Riparian buffer width: 0 ft Distance to stream: 0 ft

Conservation Practices:

Pasture (>75% cover)

P-Index Summary

N-based

Phosphorus Limit method: Phosphorus Environmental Threshold (PET) method

Soil Test Results:

DATE PH P K Lab Wi-2005 5.2 L+(8 P ppm) L(31 K ppm) A&L (Weak Bray)

Soils:

PERCENT	SYMB	OL	SOIL SERIES
15	5B2	Cecil	
35	8B2	George	eville
23	11C2	Herndo	on
20	8C2	George	eville
7	21D2	Tatum	

Field Warnings:

Crop Rotation: PLANTED 2009-Fa 2

YIELD

CROP NAME

2010-Sp

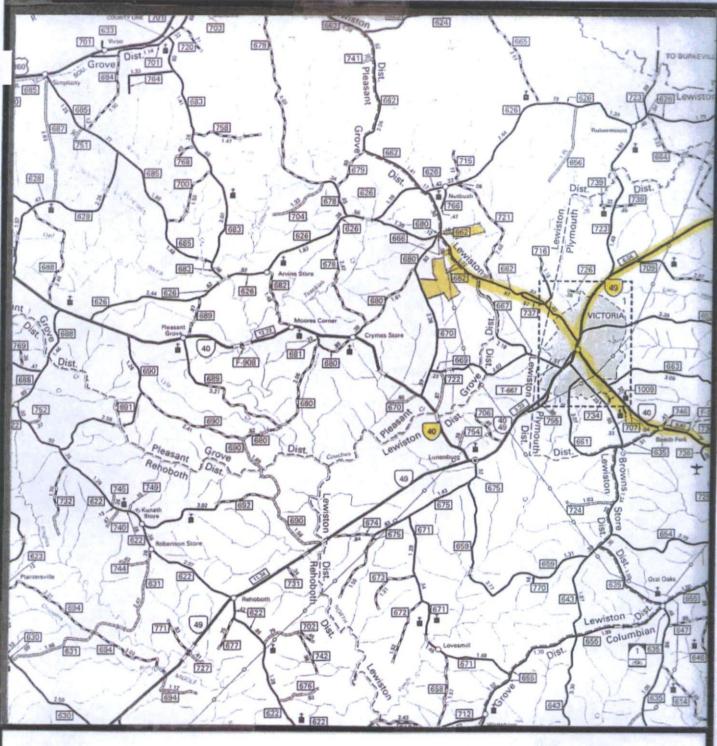
2.0 acres/AU 2.0 acres/AU Orchard grass/fescue pastures<=25% legume, maint. - No Till Orchard grass/fescue pastures<=25% legume, maint. - No Till

MAPS

Recyc Systems...

(Biosolids Land Application)





Scale:

1 inch = 2 miles

LUWCA 1-9

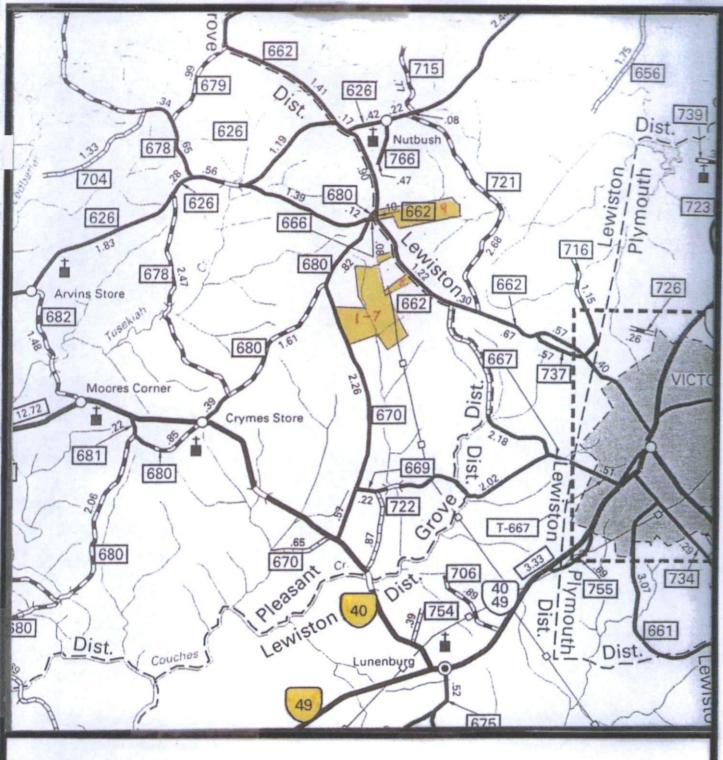
VICINITY MAP



Recyc Systems...

(Biosolids Land Application)





Scale:

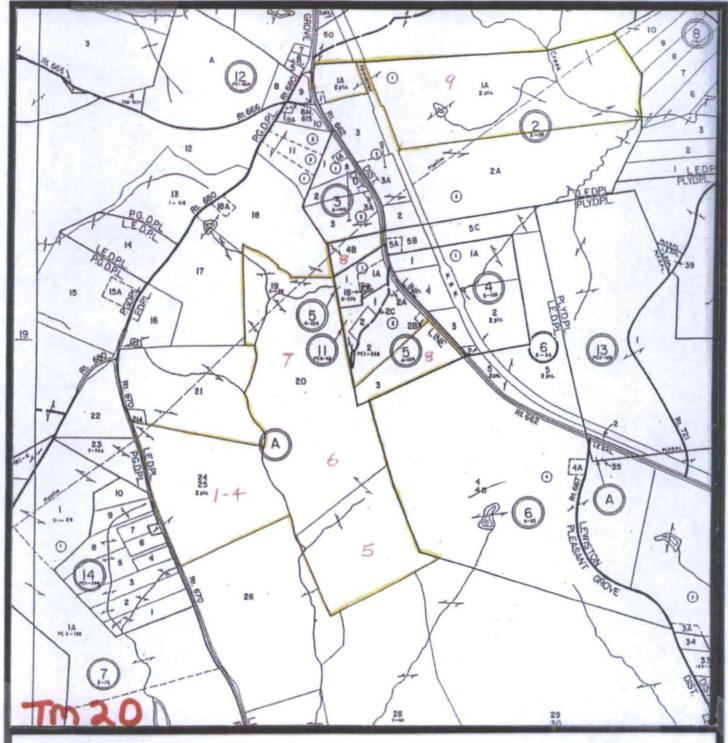
1 inch = 1 mile

LUWCA 1-9

Recyc Systems...

(Biosolids Land Application)





Scale:

1 inch = 1338 feet

LUWCA 1-9

ADJOINING LANDOWNERS

W.C. Allen Site

LUNENBURG COUNTY

Tax Map No.	Parcel Noo.	Owner(s) Name
20	4D	Cecil B. Umdknwood or Mawis P.
20	117	Billy S. Smith, Jr.
20	18	Billy S. Smith, Jr. & Debtva
20	119	W.C.A.Hen
20	21A	Henry L. Jfr. our Joanne W. Ohildcesildres
•		Lottie E. Hawwkiins & Limda Manie Johon & Ralph & Ral
20	21	Montell Hawkins, Jr.
20	22	Adrian L&ZoAmnS.Williams
20	23	Adrian L&ZoAmnS.Williams
20	50	Rawley Door Dollhy BernAngington
20	51	Margaret Hanlon Newton
20(2)	2 A .	Michael MNewton
20(2)	3	Walter Taylor
20(3)	3	Billy S. Smith, Jr.
20(4)	3 2 3 7	Mabel M.Gayy^
20(4)	3	Willie Joe Prossee
20(8)	7	Eugene RhyySsr&Joyov ©. Lei©. Leis
20(8)	8A	Gerald J. Laporte
20(8)	9	Jeremiah Duvadl
20(8)	10	Jeremiah Douald II
20(14)	3	Timothy C. or Anny J. Webegege
20(14)	4	John N. or Cheryl W. Irby
20(14)	6	James BBJloynee;Sr.Sr.
20(14)	7	James BB Jkoynee ;;Sr. Sr.
20(14)	9	Richard G. or Carol R. Clisss
20(14)	10	Carl G. Allar or LoullAmn Pattom

(Biosolids Land Application)





Scale: 1 inch = 660 feet

LUWCA 1-6

SOIL MAP

NA

(Biosolids Land Application)





Scale: 1 inch = 660 feet

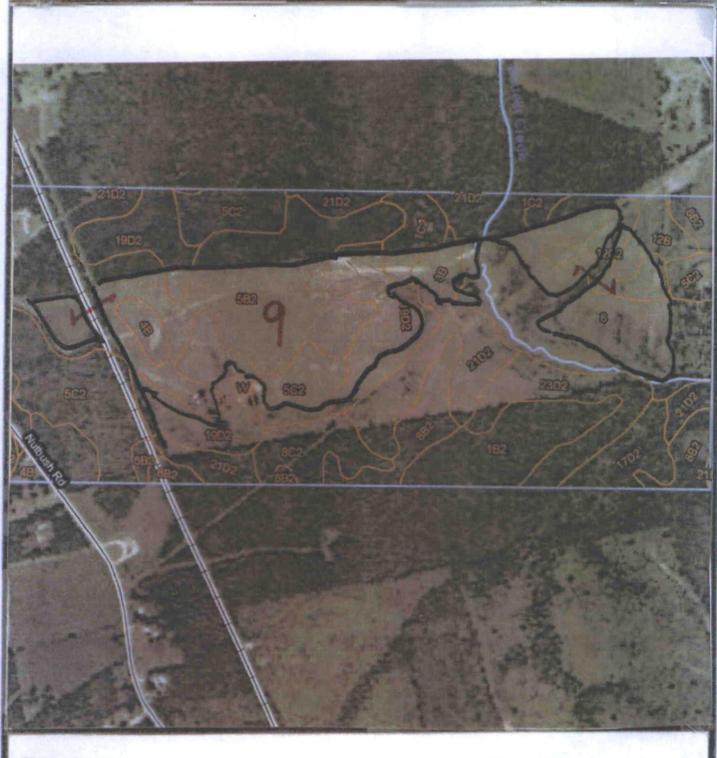
LUWCA 7-8

SOIL MAP



(Biosolids Land Application)





Scale:

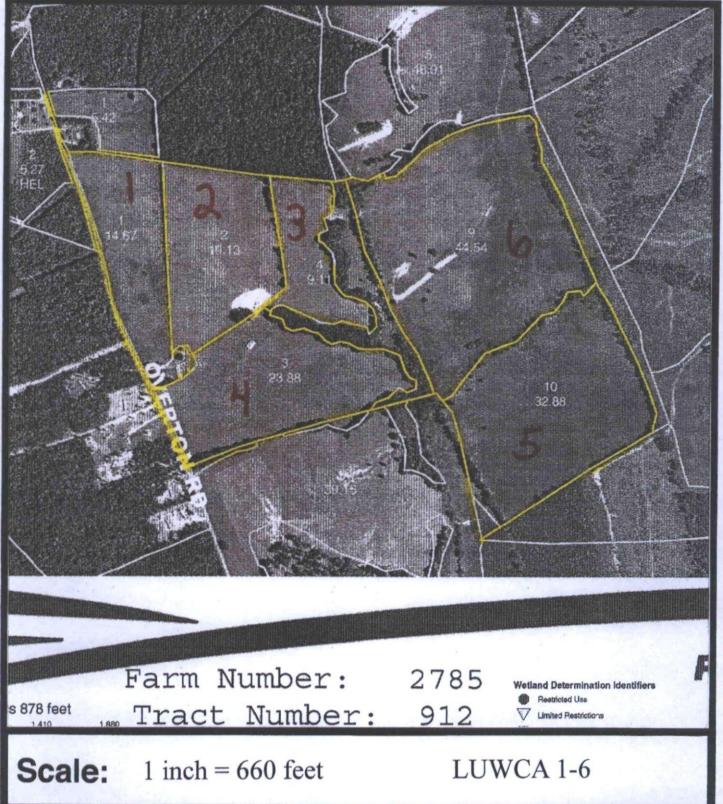
1 inch = 660 feet

LUWCA 9

Recyc Systems...

(Biosolids Land Application)





Recyc Systems...

(Biosolids Land Application)



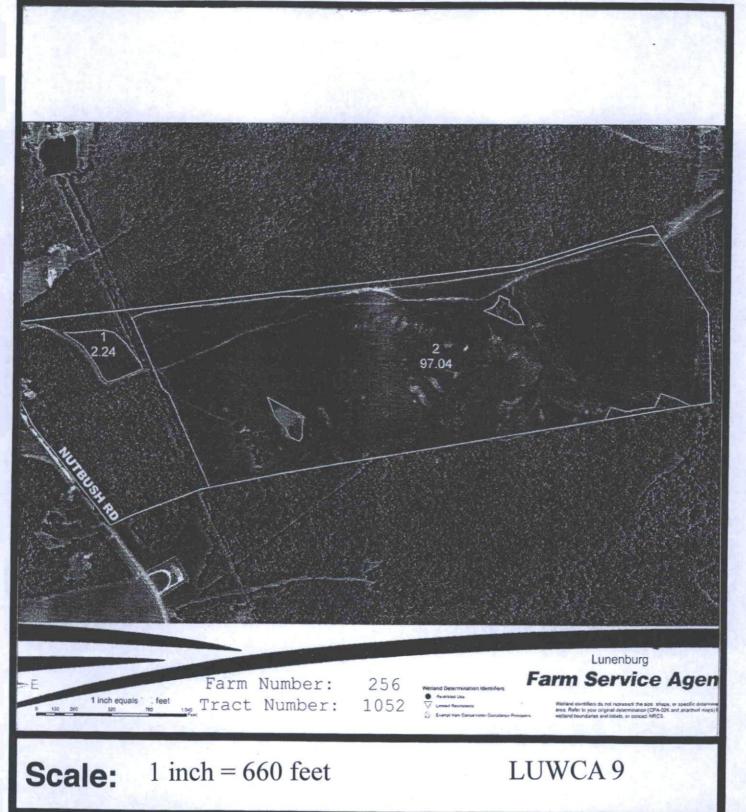


Scale: 1 inch = 660 feet

LUWCA 7—8

(Biosolids Land Application)





AERIA - MAP

N

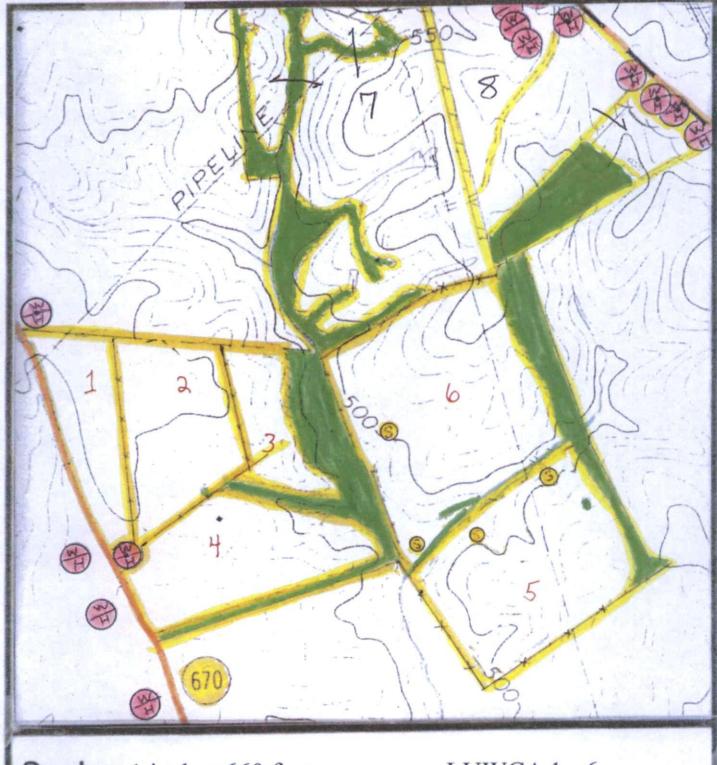
Legend for Site Plan

House and Well Well / Spring Perennial Streams & Surface Wet Spot Intermittent Stream / Drainage Trees and Woods Private Drive Rock / Rocky Area Sinkhole Severely Eroded Spot State Road Field Boundary / Fence **Property Line** Slope

Frequent Flooded Soil

(Biosolids Land Application)





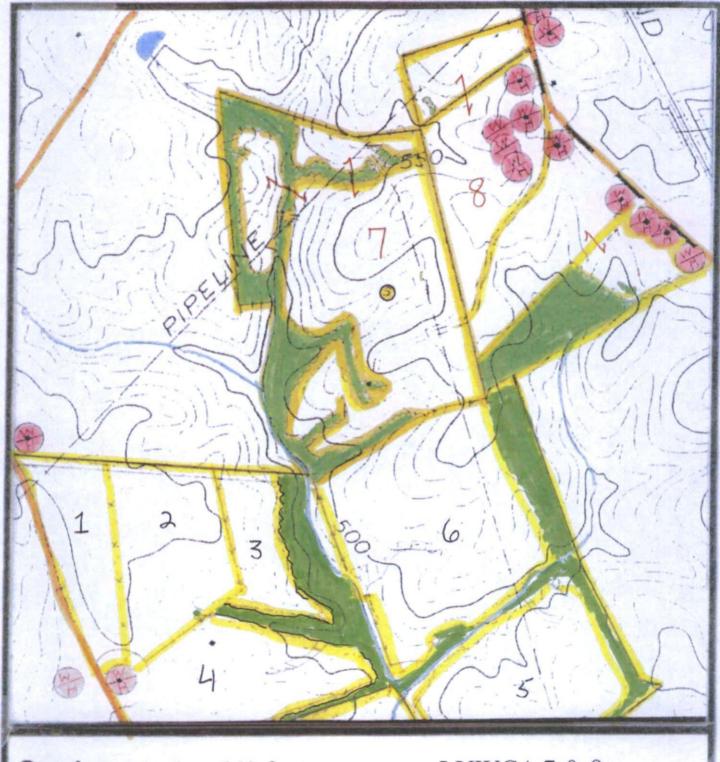
Scale: 1 inch = 660 feet

LUWCA 1 - 6

SITE PLAN

(Biosolids Land Application)





Scale: 1 inch = 660 feet

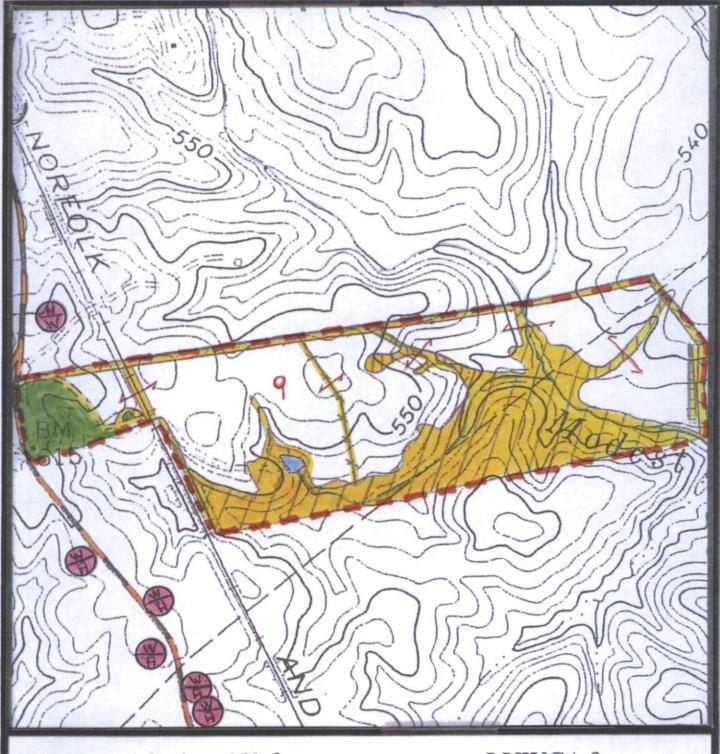
LUWCA 7 & 8

SITE PLAN

A

(Biosolids Land Application)





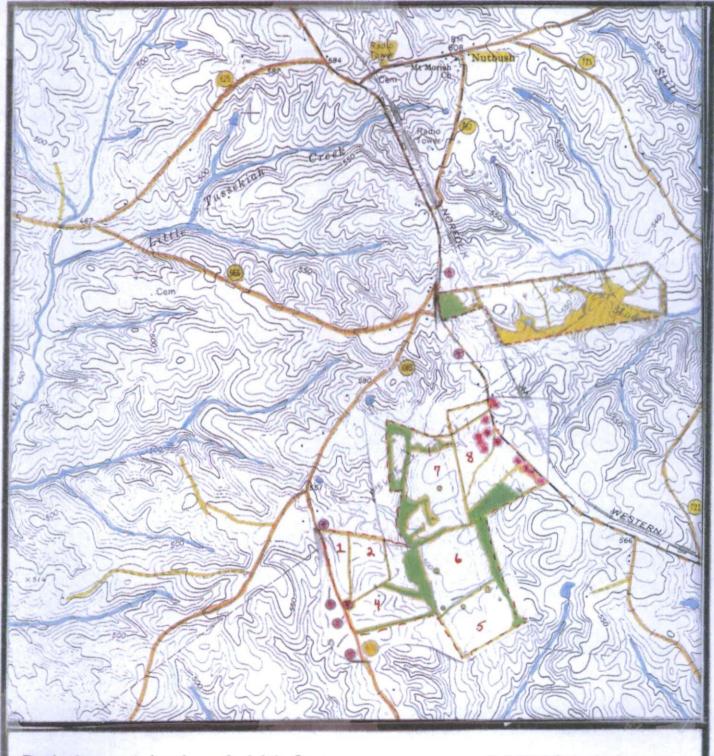
Scale: 1 inch = 660 feet

LUWCA 9

SITE PLAN

(Biosolids Land Application)





Scale: 1 inch = 2,000 feet

LUWCA 1-9

TOPOGRAPHIC MAP

NA